

ABSTRACT OF THE INVENTION

A transmission system delays an analog carrier wave and modulates the analog carrier wave with program audio. The system includes a master oscillator that generates an analog carrier wave. The analog carrier wave is transmitted to a delay stage that delays the analog carrier wave by a certain delay amount. The delay stage may be programmable to adjust the delay amount. The system further receives an analog signal that is representative of programming. A modulator modulates the analog carrier wave with the analog audio and sends the amplitude modulated carrier wave to a power amplifier. After power amplification, the amplitude modulated carrier wave is broadcast by a conventional antenna.